STM3210B-EVAL

STM3210B-EVAL evaluation board

Data brief

Features

- Three 5 V power supply options: power jack, USB connector or daughterboard
- Boot from user Flash, test Flash or SRAM
- Audio play and record
- 1 Gbyte microSD Card™
- Type A and Type B smartcard support
- 8 Mbyte serial Flash
- I2C/SMBus compatible serial interface temperature sensor
- Two RS-232 communication channels with support for RTS/CTS handshake on one channel
- IrDA transceiver
- USB 2.0 full speed connection
- CAN 2.0A/B compliant connection
- Induction motor control connector
- JTAG, SWD and trace tool support
- 240x320 TFT color LCD
- Joystick with 4-direction control and selector
- Reset, wakeup, tamper and user push buttons
- Four LEDs
- RTC with backup battery
- Extension connector for daughterboard or wrapping board

Table 1. Device summary

Order code	Reference
STM3210B-EVAL	STM32F10x 128 Kbyte evaluation board



Description

The STM3210B-EVAL evaluation board is designed as a complete development environment for STMicroelectronic's ARM™ Cortex-M3 core-based STM32F10x 128 Kbyte microcontrollers.

With a complete range of hardware evaluation features, the STM3210B-EVAL board is designed to help developers evaluate all device peripherals (such as USB, motor control, CAN, MicroSD Card™, smartcard, USART) and develop their own applications.

Extension connectors make it possible to easily connect a daughterboard or wrapping board for a specific application.

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Revision history

Table 2. Document revision history

Date	Revision	Changes
09-Aug-2010	1	Initial release.

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